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NEW CLAIMS 1 - 13

1. An electronically detectable ball usable for a ball game, comprising:

a bladder,

an external covering enclosing said bladder, and

a sensor, at least a portion of which is integrated into said bladder.
2. The electronically detectable ball of claim 1, wherein said portion of the sensor comprises a plurality of individual sensor elements.
3. The electronically detectable ball of claims 1 or 2, further comprising supporting means for supporting at least said portion of the sensor.
4. The electronically detectable ball of any of claims 1 to 3, further comprising an electronic sensor located within said external covering.
5. The electronically detectable ball of any of claims 1 to 4, wherein said sensor comprises a plurality of sensor elements in an inner space enclosed by said bladder.
6. The electronically detectable ball of claim 5, wherein one of said sensor elements is accommodated by a pocket fixed to an inner surface of said bladder.

AMENDED SHEET

7. The electronically detectable ball of claim 5, wherein one of said sensor elements is accommodated by a pocket formed by a portion of said bladder.
8. The electronically detectable ball of claim 5, wherein one of said sensor elements is positioned in said inner space by a filling material.
9. The electronically detectable ball of any of claims 1 to 8, wherein said sensor is configured to be responsive to pressure and/or infra-red radiation and/or to a metal detector.
10. A sensor system for detecting a position of an electronically detectable ball, the system comprising:

a transceiver configured to detect an electronically detectable ball according to any of claims 1 to 9, and

a support structure configured to support said transceiver at a predefined area of a game field.
11. The system of claim 10, wherein said transceiver is configured to detect said electronically detectable ball with a spatial resolution that is equal to or less than a diameter of said electronically detectable ball.
12. The system of any of claims 10 or 11, further comprising an indicator means configured to indicate, when said electronically detectable ball is within a specified region of said predefined area.

13. The system of claim 12, wherein said indicator means comprises a mobile display means configured to wirelessly communicate with said indicator means.